

ABSTRACT

Bearing parts are formed of damping steel containing 0.2 to 0.6 wt.% C, 5.0 to 15.0 wt.% Cr, 0.2 to 1.3 wt.% Si, 0.05 to 0.20 wt.% N, and comprising Fe and inevitable impurities as the remaining. The damping steel may be hardened in an ordinary manner to have a surface hardness, in terms of Rockwell C hardness of at least 57.